1/7

K. [illegible]asuamy et al.
Y0999-331 (PJO) (8728-310)

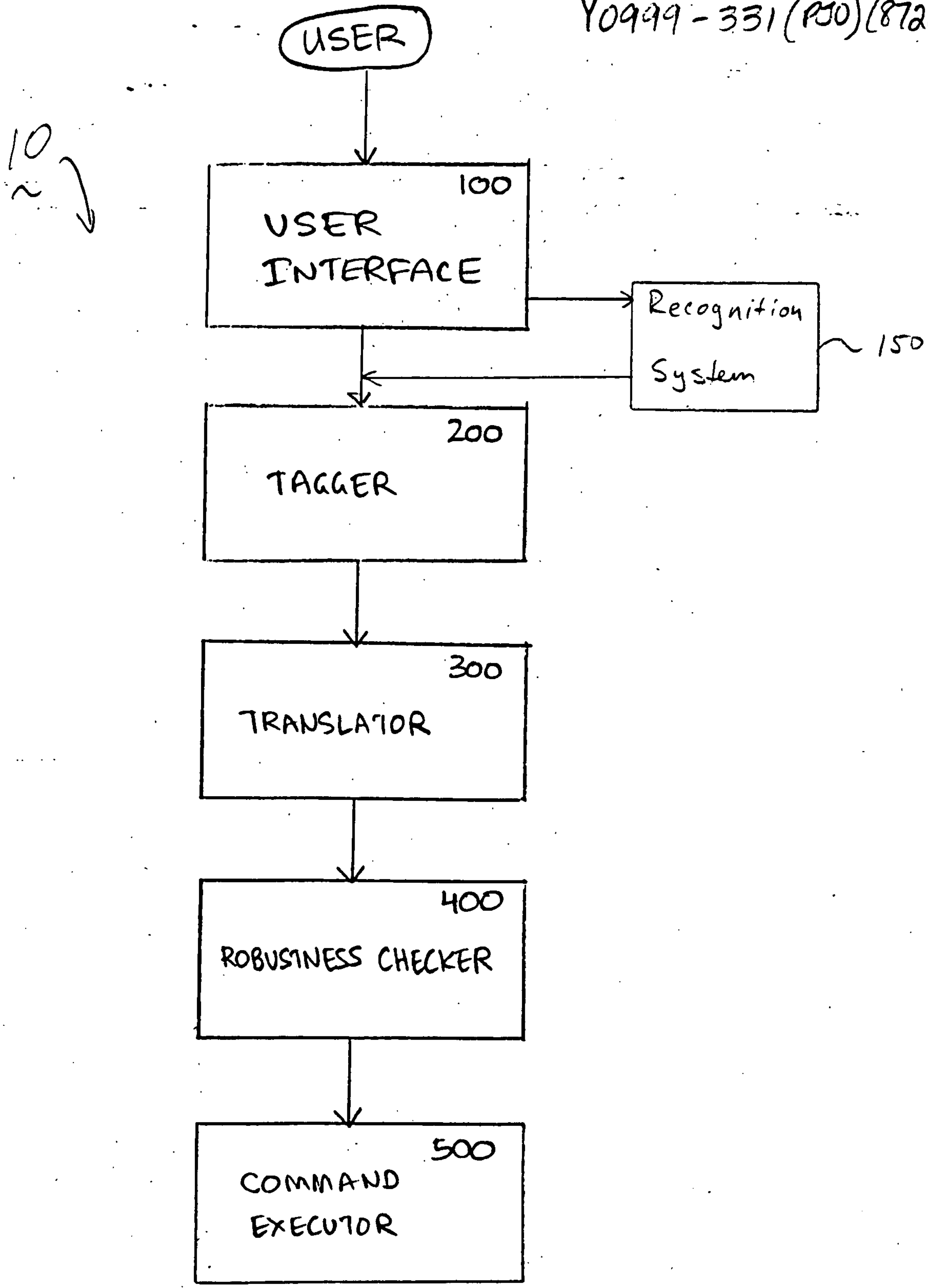
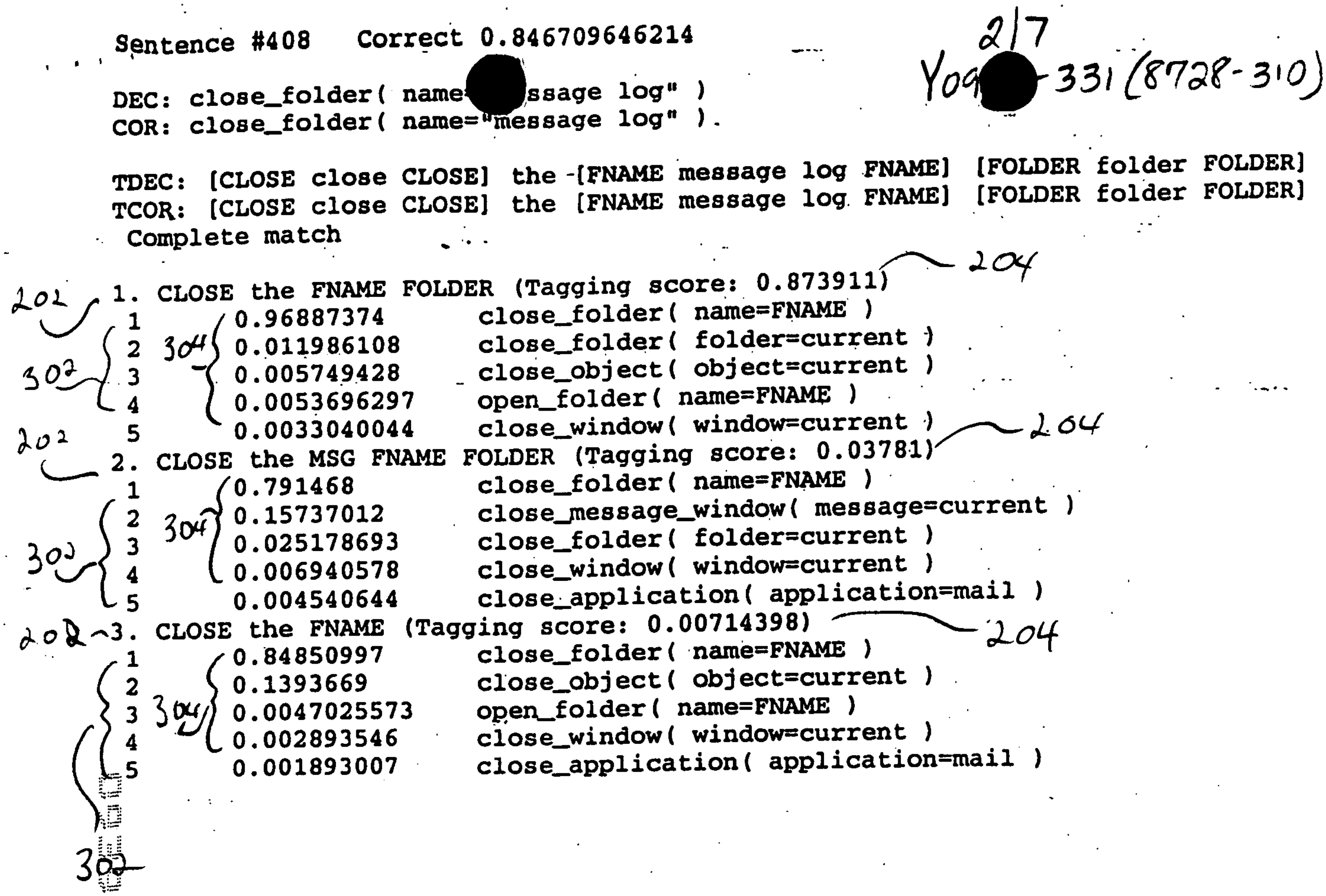

USER
10
100
USER INTERFACE
Recognition System
150
200
TAGGER
300
TRANSLATOR
400
ROBUSINESS CHECKER
500
COMMAND EXECUTOR

FIG. 1



```
Sentence #408   Correct 0.846709646214

DEC: close_folder( name[redacted]ssage log" )
COR: close_folder( name="message log" ).

TDEC: [CLOSE close CLOSE] the [FNAME message log FNAME] [FOLDER folder FOLDER]
TCOR: [CLOSE close CLOSE] the [FNAME message log FNAME] [FOLDER folder FOLDER]
 Complete match

1. CLOSE the FNAME FOLDER (Tagging score: 0.873911)
  1   0.96887374       close_folder( name=FNAME )
  2   0.011986108      close_folder( folder=current )
  3   0.005749428      close_object( object=current )
  4   0.0053696297     open_folder( name=FNAME )
  5   0.0033040044     close_window( window=current )
2. CLOSE the MSG FNAME FOLDER (Tagging score: 0.03781)
  1   0.791468         close_folder( name=FNAME )
  2   0.15737012       close_message_window( message=current )
  3   0.025178693      close_folder( folder=current )
  4   0.006940578      close_window( window=current )
  5   0.004540644      close_application( application=mail )
3. CLOSE the FNAME (Tagging score: 0.00714398)
  1   0.84850997       close_folder( name=FNAME )
  2   0.1393669        close_object( object=current )
  3   0.0047025573     open_folder( name=FNAME )
  4   0.002893546      close_window( window=current )
  5   0.001893007      close_application( application=mail )
```

FIG. 2

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Y0999-331 (8728-310)

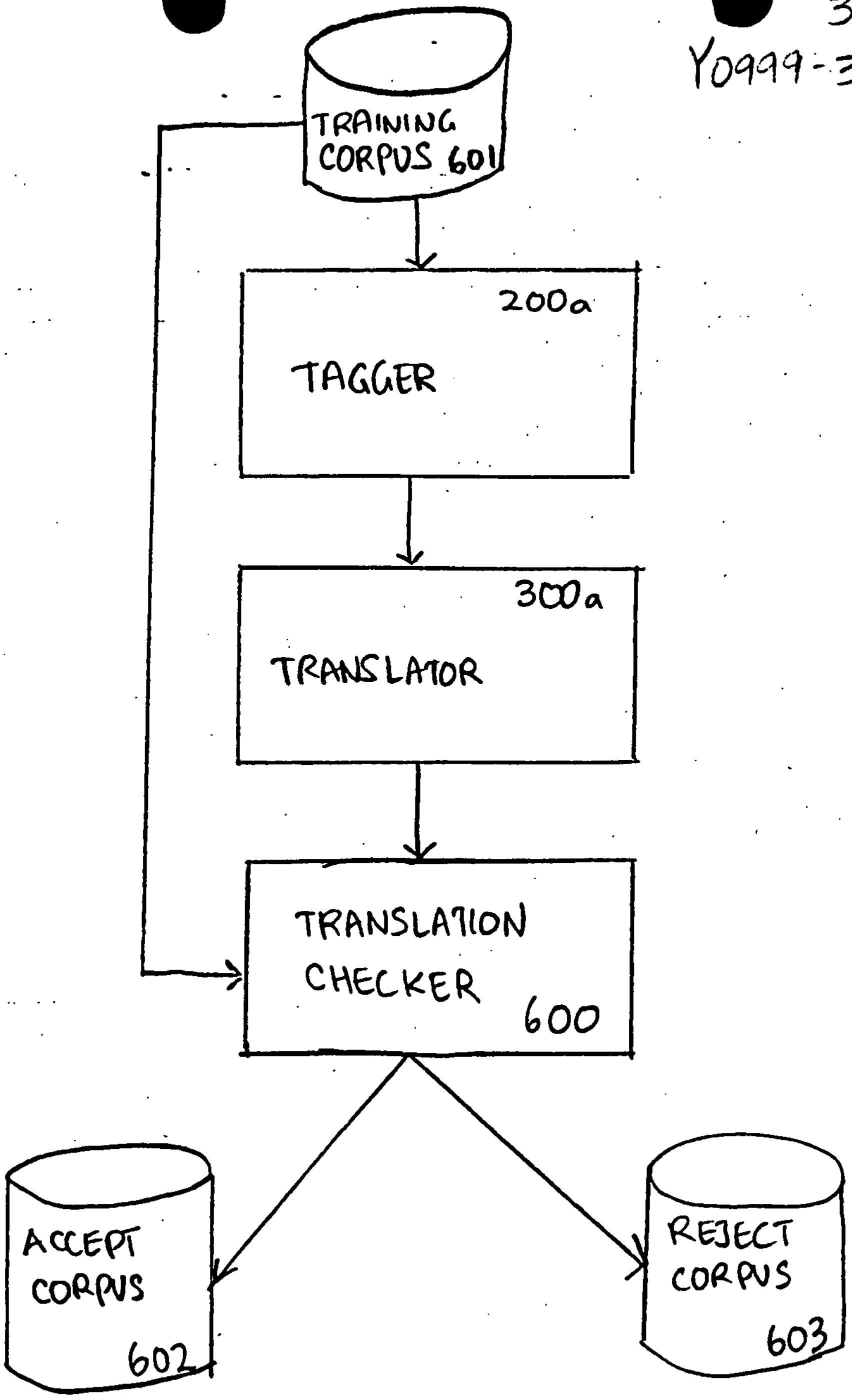
TRAINING CORPUS 601
TAGGER
200a
TRANSLATOR
300a
TRANSLATION CHECKER
600
ACCEPT CORPUS
602
REJECT CORPUS
603

FIG. 3

09903908 09903908

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Y0999-331
(8728-310)

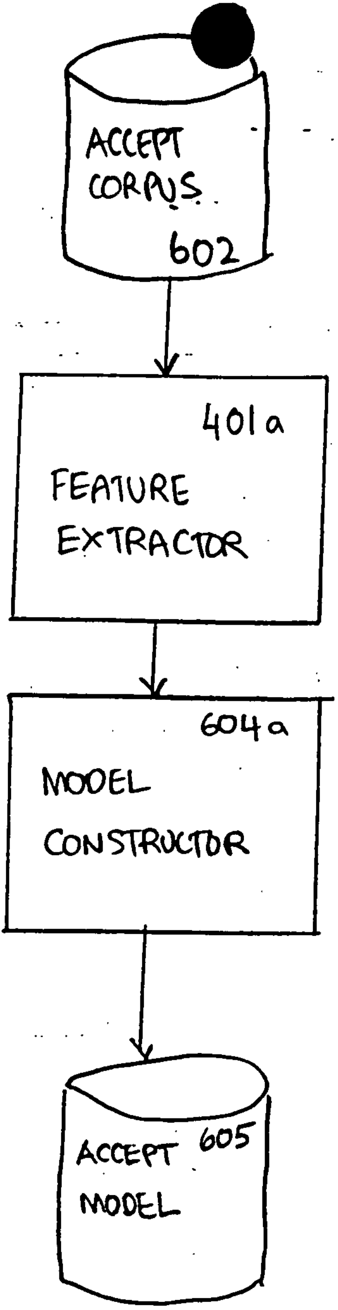
ACCEPT CORPUS
602
401a
FEATURE EXTRACTOR
604a
MODEL CONSTRUCTOR
ACCEPT MODEL
605

FIG. 4A

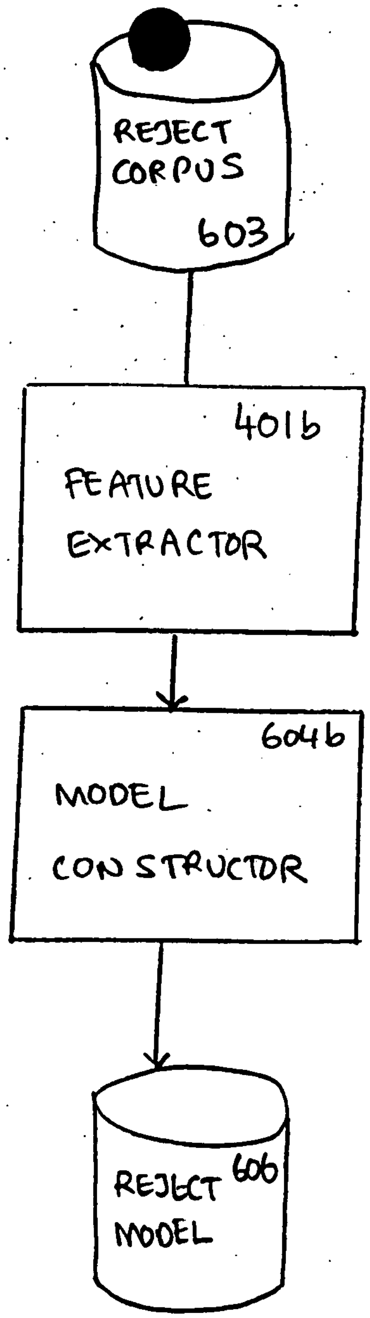
REJECT CORPUS
603
401b
FEATURE EXTRACTOR
604b
MODEL CONSTRUCTOR
REJECT MODEL
606

FIG. 4B

09390308.090399

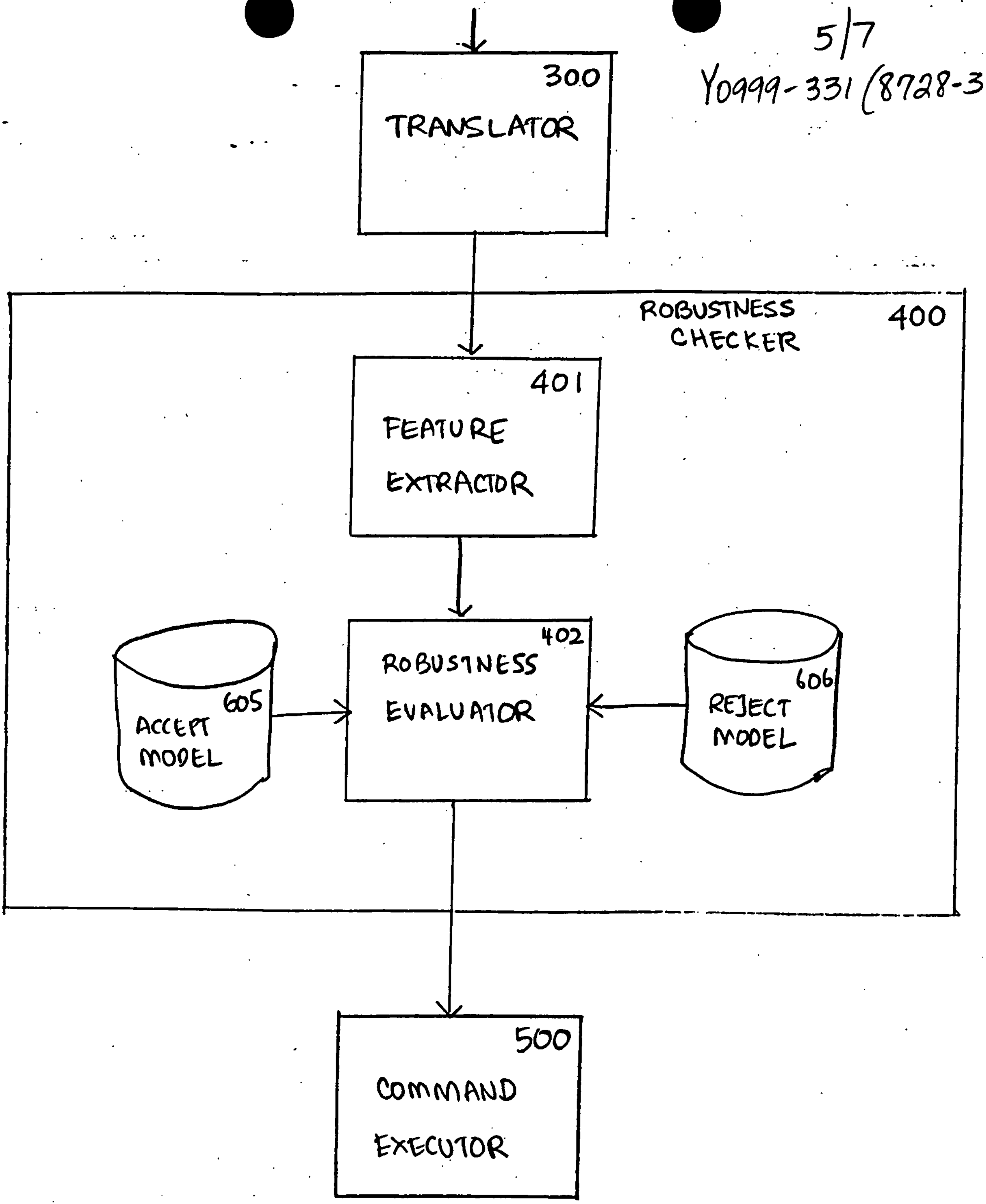
300
TRANSLATOR
ROBUSTNESS CHECKER
400
401
FEATURE EXTRACTOR
402
ROBUSTNESS EVALUATOR
605
ACCEPT MODEL
606
REJECT MODEL
500
COMMAND EXECUTOR

FIG. 5

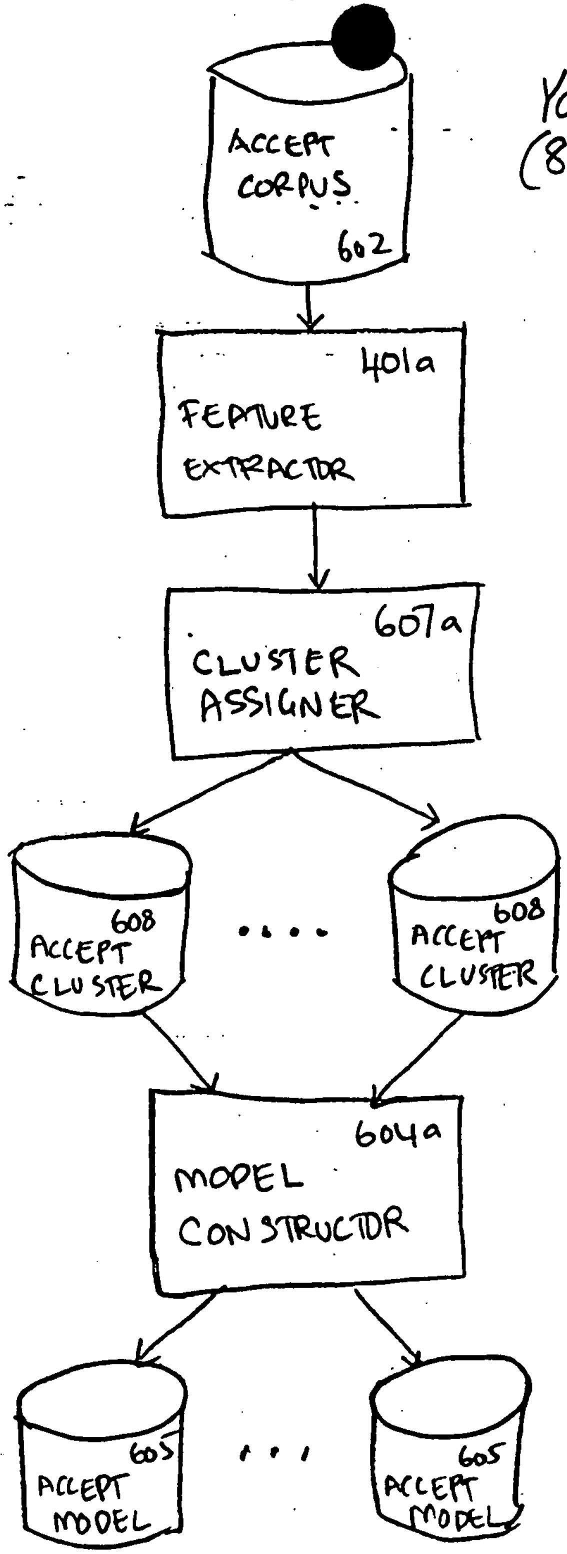
ACCEPT CORPUS
602
401a
FEATURE EXTRACTOR
607a
CLUSTER ASSIGNER
608
ACCEPT CLUSTER
....
608
ACCEPT CLUSTER
604a
MODEL CONSTRUCTOR
605
ACCEPT MODEL
...
605
ACCEPT MODEL

FIG. 6A

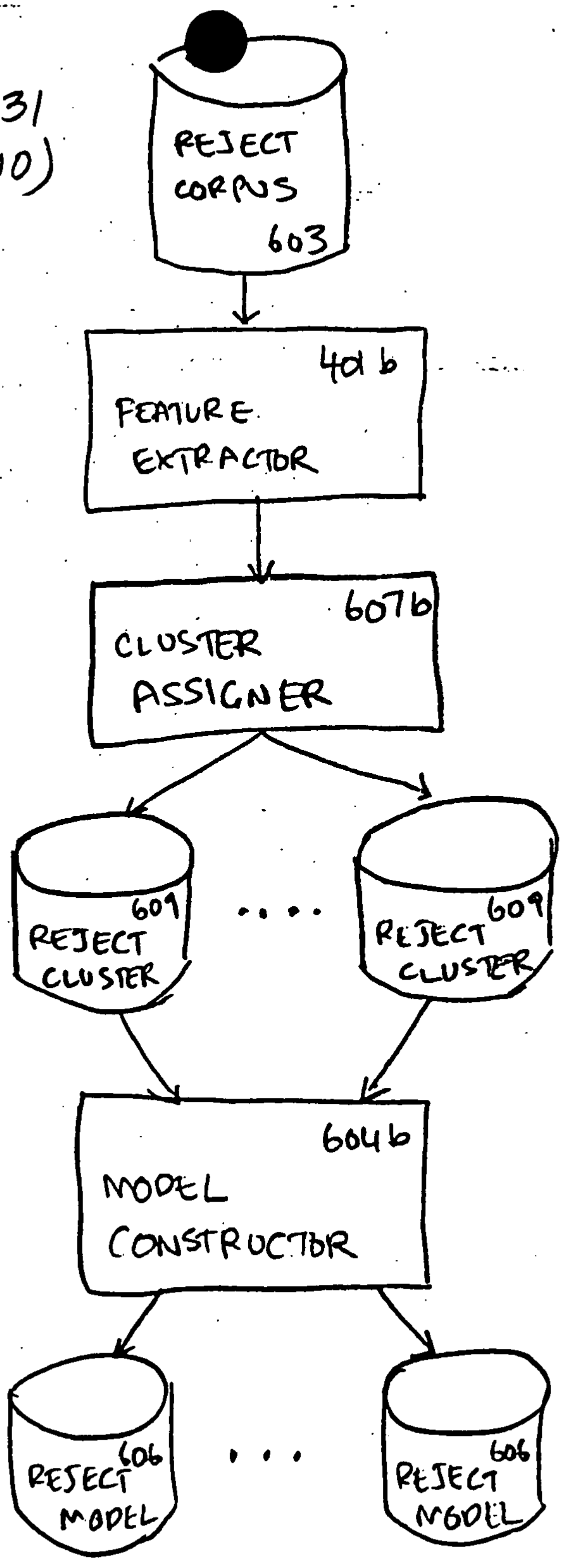
REJECT CORPUS
603
401b
FEATURE EXTRACTOR
607b
CLUSTER ASSIGNER
609
REJECT CLUSTER
....
609
REJECT CLUSTER
604b
MODEL CONSTRUCTOR
606
REJECT MODEL
...
606
REJECT MODEL

FIG. 6B

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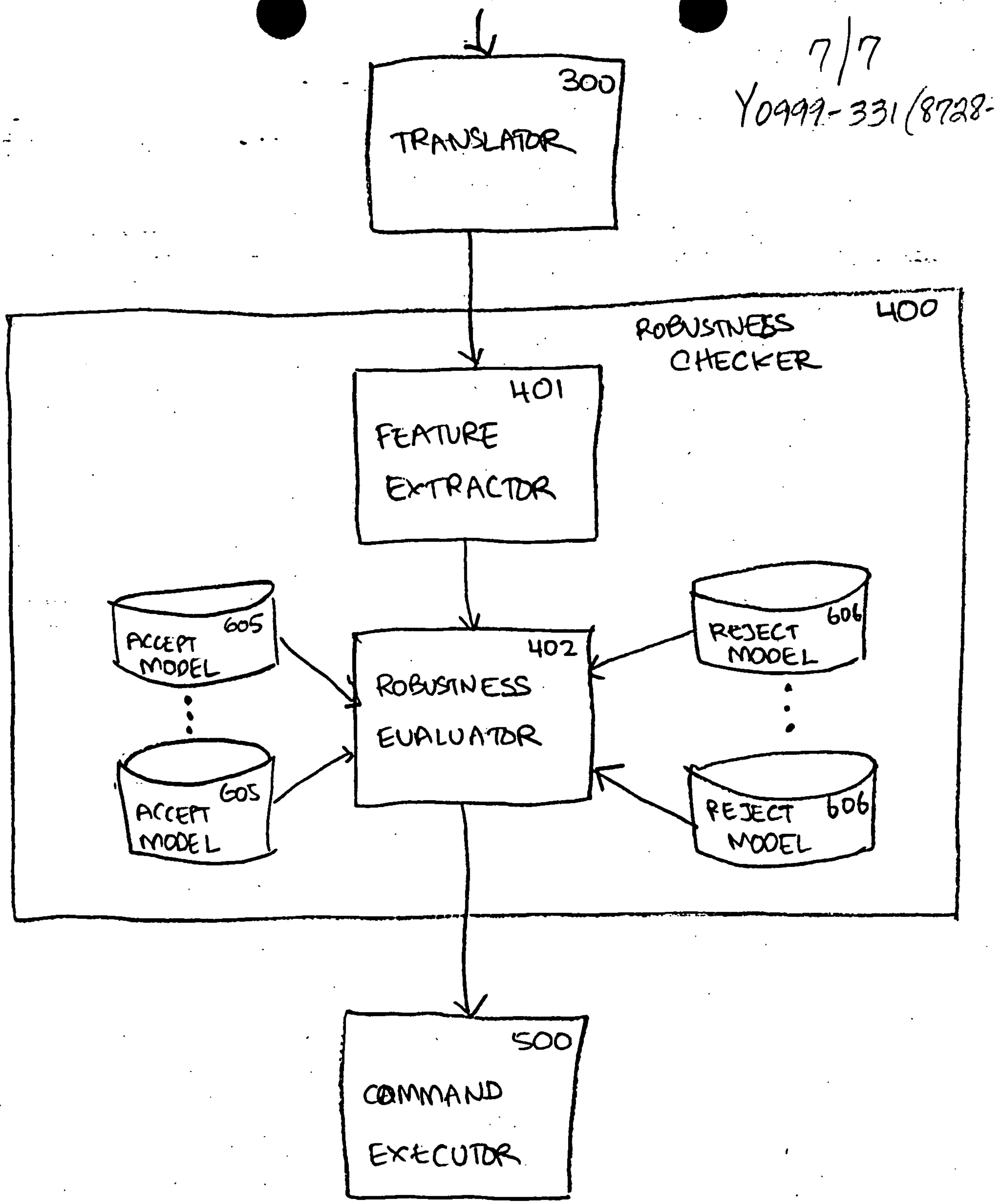
300
TRANSLATOR
ROBUSTNESS CHECKER
400
401
FEATURE EXTRACTOR
ACCEPT MODEL
605
ACCEPT MODEL
605
402
ROBUSTNESS EVALUATOR
REJECT MODEL
606
REJECT MODEL
606
500
COMMAND EXECUTOR

FIG. 7

09390308.090399